

## **REMARKS**

### **Overview**

Claims 1-17 are currently pending in the present application and all claims have been rejected. The present response is an earnest effort to place the application in proper form for immediate allowance. Reconsideration and passage to issuance is therefore respectfully requested.

### **Issues Under 35 U.S.C. § 103**

Claims 1-5, 7-10, 12, 13 and 15-17 stands rejected by Examiner under 35 U.S.C. § 103(a) are being unpatentable over U.S. Patent No. 6,901,300 to Blevins in view of U.S. Patent No. 4,823,299 to Chang and in further view of U.S. Patent No. 5,367,475 to White. Claims 6, 11 and 14 are rejected under 35 U.S.C. § 103(a) are being unpatentable over Blevins in view of White and in further view of U.S. Patent No. 4,349,869 to Prett. Applicants respectfully traverse.

Applicants wish to thank the Examiner for the explanation of why the Examiner believes the White reference discloses the use of measured data. While White discloses measuring data, White fails to disclose using measured data in the shifted matrices. Instead, White uses a model signal vector which is at best an approximation. Thus, White fails to teach "shifting the columns of the matrices to produce a plurality of different shifted matrices, each shifted matrix having a given value for the lag in data for each measured variable signal" as is required in each of Applicant's claims. Thus, Applicants respectfully submit that the disclosure of White fails to teach or reasonably suggest using measured variable signals in a shifted matrix as required by all of Applicants' claims. For these reasons, Applicants respectfully request that the rejection of

claims 1-17 be withdrawn. Applicants respectfully submit that all claims are now in allowable form.

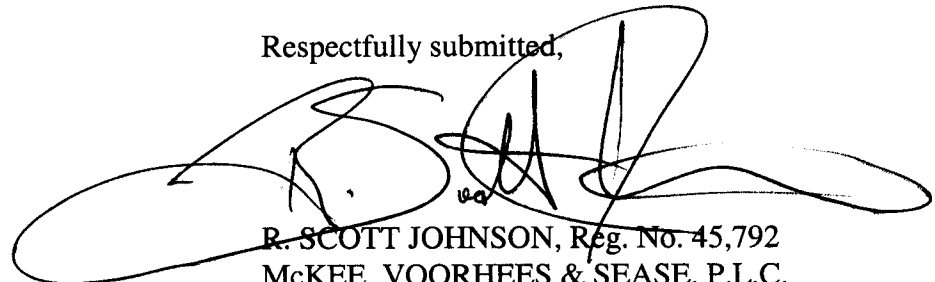
### **Conclusion**

Please consider this a Request for a Three-Month Extension of Time from October 24, 2008 to January 24, 2009 and charge Deposit Account No. 26-0084 the amount of \$555.00 for this extension.

No other fees or extensions of time are believed to be due in connection with this amendment; however, consider this a request for any extension inadvertently omitted, and charge any additional fees to Deposit Account No. 26-0084.

Reconsideration and allowance is respectfully requested.

Respectfully submitted,

A large, stylized handwritten signature in black ink, appearing to read 'R. Scott Johnson', is written over the typed name and address.

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